

10/562860

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

In Re PATENT APPLICATION Of:

Applicant	:	Nobuyuki SEKINE et al.)	
U.S. Appln. No.	:	To Be Assigned)	
International Appln. No.:	PCT/ JP04/009145))	
International Filing Date:	June 29, 2004))	INFORMATION
Priority Date Claimed	:	June 30, 2003)	DISCLOSURE
)	STATEMENT
For:	QUINONE-BASED COMPOUND, AND)		
	ELECTROPHOTOGRAPHIC)		
	PHOTORECEPTOR AND)		
	ELECTROPHOTOGRAPHIC APPARATUS)		
	USING THE SAME)		
Attorney Ref.	:	FEC 165NP)	

December 29, 2005

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted in compliance with the timing requirements of 37 C.F.R. § 1.97(b)(2).

Attached are copies of thirty-two Japanese patent publications, the relevance of which may be gleaned from attached English-language abstracts. Twenty-four of the Japanese publications and five English-language publications are discussed on pages 3 -5 of the specification, and two of the Japanese publications are cited in the attached International Search Report. All of the publications are listed on the attached Form PTO-1449.

Since this Information Disclosure Statement is being filed with the application, no certification or fee is required, and the requirements of 37 C.F.R. §§ 1.97 and 1.98 are deemed to be fully met as to all documents submitted. Consideration of the submitted documents is respectfully requested.

Respectfully submitted,

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CUSTOMER NO. 23995

December 29, 2005

Date

SMR:tl

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FORM PTO-1449		Docket No.: FEC 165NP	International No.: PCT/JP04/009145 10/562860			
		INFORMATION DISCLOSURE STATEMENT				
		Applicant: Nobuyuki SEKINE et al.				
		International Filing Date: 29 June, 2004	Group Art Unit: To Be Assigned			
U.S. PATENT DOCUMENTS						
Exam- iner Initial	Document Number	Date	Name	Class	Sub- Class	Filing Date
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub- Class	Trans- lation
	2002-278112	09/27/02	JAPAN			Abstract
	2002-221809	08/09/02	JAPAN			Abstract
	01-206349	08/18/89	JAPAN			Abstract
	04-360148	12/14/92	JAPAN			Abstract
	03-290666	12/20/91	JAPAN			Abstract
	09-092936	04/04/97	JAPAN			Abstract
	09-151157	06/10/97	JAPAN			Abstract
	05-279582	10/26/93	JAPAN			Abstract
	07-179775	07/18/95	JAPAN			Abstract
	10-073937	03/17/98	JAPAN			Abstract
	04-338760	11/26/92	JAPAN			Abstract
	01-230054	09/13/89	JAPAN			Abstract
	08-278643	10/22/96	JAPAN			Abstract
	09-190002	07/22/97	JAPAN			Abstract
	09-190003	07/22/97	JAPAN			Abstract
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
	YAMAGUCHI et al. "Application of Unsymmetrical Diphenoquinone Derivatives to Xerography (I)". The Journal Of Imaging Society of Japan, Vol. 30, p266-273 (1991).					
	Hideki Okada et al., "Synthesis and Properties of a Novel Electron Transporting Compound, 3,3 '- dialkyl-4,4'-bisnaphthylquinone' (DBNQ)" Preprint of Pan-Pacific Imaging Conference/Japan Hardcopy'98, July 15-17, 1998, JAHALL, Tokyo, Japan, pp.207-210.					
Examiner		Date Considered				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						

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			Applicant: Nobuyuki SEKINE et al.				
			International Filing Date: 29 June, 2004	Group Art Unit: To Be Assigned			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
		2001-222122	08/17/01	JAPAN			Abstract
		05-150481	06/18/93	JAPAN			Abstract
		06-130688	05/13/94	JAPAN			Abstract
		09-281728	10/31/97	JAPAN			Abstract
		09-281729	10/31/97	JAPAN			Abstract
		10-239874	09/11/98	JAPAN			Abstract
		2000-075520	03/14/00	JAPAN			Abstract
		2000-199979	07/18/00	JAPAN			Abstract
		2000-143607	05/26/00	JAPAN			Abstract
		2001-142239	05/25/01	JAPAN			Abstract
		2002-278112	09/27/02	JAPAN			Abstract
		2000-314969	11/14/00	JAPAN			Abstract
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
		Yasufumi MIZUTA et al., "Synthesis and Xerographic Properties of Novel Naphthoquinone". Collected Papers of Japan Hardcopy '92, July 6; 7 and 8, 1992, JA HALL (Otemachi, Tokyo), pp.21-24.					
		Tatsushi KOBAYASHI et al., "Development of Organic Electron Transport Materials". Collected Papers of Japan Hardcopy '92, July 6; 7 and 8, 1992, JA HALL (Otemachi, Tokyo), pp.173-176.					
Examiner					Date Considered		
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Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
		2001-228637	08/24/01	JAPAN			Abstract
		2001-330972	11/30/01	JAPAN			Abstract
		08-209023	08/13/96	JAPAN			Abstract
		2000-204083	07/25/00	JAPAN			Abstract
		2000-314970	11/14/00	JAPAN			Abstract
				JAPAN			Abstract
				JAPAN			Abstract
				JAPAN			Abstract
				JAPAN			Abstract
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
		OYO BUTURI, Vol. 70, No. 12 (2001), pp.1419-1425, "Recent development of highly efficient organic EL materials (by Ohmori)"					
Examiner				Date Considered			
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